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Cover image: “Moonrise over Dinkinesh”: (152830) Dinkinesh and its satellite (152830) Dinkinesh I (Selam) imaged by the Lucy spacecraft's L'LORRI camera on November 1, 2023, at a range of ~430 km. (NASA/Goddard/SwRI/Johns Hopkins APL/NOIRLab)

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Errata

The following section corrects errors that have appeared in this publication (indicated as *Bull.*, with volume, issue and page number) or in names or citations published in the *Minor Planet Circulars*. Negative line numbers count from the bottom of the page (in the *Bulletin*) or from the bottom of the page or the bottom of the (second) column (in the *MPCs*).

Reference	Line(s)	
<i>MPC</i> 5450	9	<i>For</i> pre-eminent <i>read</i> preeminent [(1853) citation]
<i>MPC</i> 11156	– 7	<i>For</i> Cordoba <i>read</i> Córdoba [(2605) citation]
<i>MPC</i> 11641	14	<i>For</i> “The Castle”, “The Trial” <i>read</i> <i>The Castle, The Trial</i> [(3412) citation]
<i>MPC</i> 12975	– 6	<i>For</i> modelling <i>read</i> modeling [(3692) citation]
<i>MPC</i> 14208	25	<i>For</i> Hissarlik <i>read</i> Hisarlık [(3912) citation]
<i>MPC</i> 16044	27 to 28	<i>For</i> pre-eminent <i>read</i> preeminent [(4208) citation]
<i>MPC</i> 16444	16	<i>For</i> <i>d'Asterix</i> <i>read</i> <i>d'Astérix</i> [(4179) citation]
<i>MPC</i> 16590	– 6	<i>For</i> <i>Bucolica, Georgica</i> and <i>Aeneis</i> <i>read</i> <i>Bucolica, Georgica</i> and <i>Aeneis</i> [(2798) citation]
<i>MPC</i> 16591	–17	<i>For</i> Max Planck Institut <i>read</i> Max-Planck-Institut [(3538) citation]
<i>MPC</i> 16885	– 2	<i>For</i> mithraism <i>read</i> Mithraism [(4486) citation]
<i>MPC</i> 16885	– 1	<i>For</i> christianity <i>read</i> Christianity [(4486) citation]
<i>MPC</i> 16885	2, 2 & 5	<i>For</i> mithraic <i>read</i> Mithraic [(4486) citation]
<i>MPC</i> 17030	– 4	<i>For</i> favour of publicising <i>read</i> favor of publicizing [(4281) citation]
<i>MPC</i> 17657	13	<i>For</i> analysing <i>read</i> analyzing [(4448) citation]
<i>MPC</i> 18143	28	<i>For</i> indispensable <i>read</i> indispensable [(4549) citation]
<i>MPC</i> 18456	–12	<i>For</i> longterm <i>read</i> long-term [(4209) citation]
<i>MPC</i> 19335	18	<i>For</i> Beta Cephei <i>read</i> β Cephei

		[(3882) citation]
MPC 19336	-26	For worshipped <i>read</i> worshiped [(4257) citation]
MPC 21609	20	For honor <i>read</i> memory [(4781) citation]
MPC 22507	5	For travelling <i>read</i> traveling [(5148) citation]
MPC 22507	36	For modeller <i>read</i> modeler [(5195) citation]
MPC 22830	1	For honor <i>read</i> memory [(5053) citation]
MPC 23541	-21	For administator <i>read</i> administrator [(5769) citation]
MPC 24917	48	For precambrian and mesozoic <i>read</i> Precambrian and Mesozoic [(5325) citation]
MPC 24918	-33	For worshipped <i>read</i> worshiped [(5869) citation]
MPC 25446	11	For légion d'honneur <i>read</i> Légion d'honneur [(6317) citation]
MPC 25655	-11	For Tecnology <i>read</i> Technology [(6472) citation]
MPC 25655	-10	For computer-programing <i>read</i> computer- programming [(6472) citation]
MPC 26425	32	For Latino-american <i>read</i> Latino-American [(6252) citation]
MPC 26762	- 3	For theatre <i>read</i> theater [(4880) citation]
MPC 26932	34	For christianity <i>read</i> Christianity [(6616) citation]
MPC 27332	40	For longterm <i>read</i> long-term [(6911) citation]
MPC 27734	3	For honor <i>read</i> memory [(3898) citation]
MPC 29144	- 6	For fiancé <i>read</i> fiance [(5321) citation]
MPC 29148	-40	For esthetics <i>read</i> aesthetics [(7083) citation]
MPC 30096	-39	For newspaper <i>read</i> newspaper [(5158) citation]
MPC 30096	-39	For (The Bell) <i>read</i> (The Bell) [(5158) citation]
MPC 30096	-38	For The Free Russian Printing House <i>read</i> The Free Russian Printing House [(5158) citation]
MPC 30101	10	For ‘Matthew’ <i>read</i> Matthew [(7317) citation]
MPC 30477	29	For orchidaceae <i>read</i> Orchidaceae [(6127) citation]

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<i>MPC 30802</i>	44	<i>For phenonena read phenomena</i> [(7608) citation]
<i>MPC 31299</i>	46	<i>For archeological read archaeological</i> [(8113) citation]
<i>MPC 31299</i>	-43 to -42	<i>For “Glimpses of Unfamiliar Japan” read</i> <i>Glimpses of Unfamiliar Japan</i> [(8114) citation]
<i>MPC 33388</i>	19 to 20	<i>For “History and evidence about sunspots”</i> <i>read Istoria e Dimostrazioni intorno</i> <i>alle Macchie Solari</i> [(8112) citation]
<i>MPC 33796</i>	34	<i>For Crni Vrh read Črni Vrh</i> [(9674) citation]
<i>MPC 34341</i>	-13	<i>For archeology read archaeology</i> [(6164) citation]
<i>MPC 36945</i>	18	<i>For licenced read licensed</i> [(6199) citation]
<i>MPC 38195</i>	31	<i>For archeologist read archaeologist</i> [(5946) citation]
<i>MPC 38198</i>	33	<i>For Programs read Programs</i> [(8474) citation]
<i>MPC 39659</i>	4	<i>For christianity and marxism read</i> <i>Christianity and Marxism</i> [(12696) citation]
<i>MPC 40701</i>	8	<i>For pre-eminent read preeminent</i> [(4243) citation]
<i>MPC 40705</i>	27	<i>For Les Eblouissements read Les</i> <i>Éblouissements</i> [(10784) citation]
<i>MPC 41030</i>	-33	<i>For département read département</i> [(10925) citation]
<i>MPC 42363</i>	-46	<i>For spacebased read space-based</i> [(15399) citation]
<i>MPC 42364</i>	34	<i>For christianity read Christianity</i> [(16524) citation]
<i>MPC 43046</i>	-30	<i>For archeologist read archaeologist</i> [(17945) citation]
<i>MPC 45342</i>	-34	<i>For councillor read councilor</i> [(27764) citation]
<i>MPC 45343</i>	-43	<i>For fl. read fl.</i> [(29448) citation]
<i>MPC 46009</i>	23	<i>For archeologist read archaeologist</i> [(8993) citation]
<i>MPC 47164</i>	7	<i>For You’ve got Mail read You’ve Got</i> <i>Mail</i> [(8353) citation]
<i>MPC 47296</i>	-27	<i>For Grand Prism Objectiv read Grand</i> <i>Prism Objectiv</i> [(8039) citation]

MPC 47301	26	<i>For practised read practiced</i> [(15790) citation]
MPC 47302	-11	<i>For cabaretier read cabaret performer</i> [(37939) citation]
MPC 49102	37	<i>For medallist read medalist</i> [(35441) citation]
MPC 49282	23	<i>For Asterix read Astérix</i> [(29401) name]
MPC 49282	25 & 27	<i>For Asterix read Astérix</i> [(29401) citation]
MPC 49282	25	<i>For d'Asterix read d'Astérix</i> [(29401) citation]
MPC 49282	28	<i>For Obelix read Obélix</i> [(29402) name]
MPC 49282	30	<i>For Obelix read Obélix</i> [(29402) citation]
MPC 49282	31	<i>For Asterix's read Astérix's</i> [(29402) citation]
MPC 49282	31	<i>For d'Asterix read d'Astérix</i> [(29402) citation]
MPC 52323	28	<i>For archeology read archaeology</i> [(12534) citation]
MPC 52770	37	<i>For contruction read construction</i> [(46731) citation]
MPC 52770	-15	<i>For Obsevatory's read Observatory's</i> [(72819) citation]
MPC 56962	-37	<i>For pre-eminent read preeminent</i> [(75564) citation]
MPC 58594	12 to 13	<i>For humanities read humanities</i> [(7869) citation]
MPC 58595	23	<i>For buiding read building</i> [(16447) citation]
MPC 63640	-46	<i>For départements read départements</i> [(13031) citation]
MPC 63640	-34	<i>For département read département</i> [(13033) citation]
MPC 64311	48	<i>For département read département</i> [(10726) citation]
MPC 72200	41	<i>For d'Asterix read d'Astérix</i> [(35268) citation]
MPC 72200	43	<i>For Asterix read Astérix</i> [(35268) citation]
MPC 72200	44	<i>For Idefix read Idéfix</i> [(35269) name]
MPC 72200	46	<i>For Idefix read Idéfix</i> [(35269) citation]
MPC 72200	46	<i>For Obelix read Obélix</i> [(35269) citation]
MPC 72200	47	<i>For d'Asterix read d'Astérix</i> [(35269) citation]

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<i>MPC 75352</i>	11	<i>For organisation read organization</i> [(71489) citation]
<i>MPC 81934</i>	2	<i>For theatre read theater</i> [(49110) citation]
<i>MPC 82400</i>	– 4	<i>For contributons read contributions</i> [(19230) citation]
<i>MPC 91791</i>	–11	<i>For centre read center</i> [(73769) citation]
<i>MPC 98714</i>	20	<i>For keyplayer read key player</i> [(42697) citation]
<i>MPC 99354</i>	– 1	<i>For Saturday Night Live read Saturday</i> <i>Night Live</i> [(264165) citation]
<i>MPC 101215</i>	27	<i>For pre-eminent read preeminent</i> [(19695) citation]
<i>MPC 103029</i>	– 7	<i>For perfomed read performed</i> [(6187) citation]
<i>MPC 103967</i>	45	<i>For theatre read theater</i> [(7605) citation]
<i>MPC 103982</i>	18	<i>For travelled read traveled</i> [(90711) citation]
<i>MPC 106502</i>	42	<i>For theatre read theater</i> [(65821) citation]
<i>MPC 109632</i>	8 to 11	<i>For “Tsukihime”, “Fate/stay night”, and</i> <i>“Kara no Kyoukai” (English title</i> <i>“Garden of Sinners”) read</i> <i>Tsukihime, Fate/stay night, and Kara</i> <i>no Kyoukai (English title Garden of</i> <i>Sinners)</i> [(54563) citation]
<i>MPC 112432</i>	–26	<i>For populariser read popularizer</i> [(59797) citation]
<i>Bull. 1, #13, 9</i>	–10	<i>For Jacquescoeur read Jacquesœur</i> [(345762) name]
<i>Bull. 1, #13, 9</i>	– 8	<i>For Jacques Coeur read Jacques Cœur</i> [(345762) citation]
<i>Bull. 4, #7, 8</i>	3	<i>For (b. 1954) read (b. 1955)</i> [(14334) citation]
<i>Bull. 4, #9, 12</i>	–12	<i>For Janko Král read Janko Král’</i> [(7076) citation]

Corrected Discovery Information

The following section lists corrected discovery information for numbered minor planets. The NS column contains an asterisk if the numbering was subject to the current numbering rules, the POC column contains the observatory code of the discovery observation of the principal provisional designation and the DOC column contains the observatory code of the discovery observation.

Number	NS	POC	Disc. Date	DOC	Discovery Site	Discoverer(s)
(310091)	*	C51	2006-12-26	703	Catalina	CSS
(310108)	*	A14	2005-03-17	G96	Mount Lemmon	Mount Lemmon Survey
(310118)	*	F51	2003-08-22	644	Palomar	NEAT
(310120)	*	G96	2005-12-01	695	Kitt Peak	L. H. Wasserman
(310131)	*	G96	2002-04-02	644	Palomar	NEAT
(310143)	*	691	2003-10-19	645	Apache Point	Sloan Digital Sky Survey
(310147)	*	G96	2003-05-11	691	Kitt Peak	Spacewatch
(310148)	*	F51	2000-09-03	704	Socorro	LINEAR
(310150)	*	E12	2000-10-05	704	Socorro	LINEAR
(310154)	*	A77	2002-07-22	644	Palomar	NEAT
(310169)	*	703	2003-09-21	644	Palomar	NEAT
(310172)	*	J75	2002-10-02	599	Campo Imperatore	CINEOS
(310185)	*	G96	2004-11-20	691	Kitt Peak	Spacewatch
(310186)	*	G96	2005-08-04	644	Palomar	NEAT
(310189)	*	691	2006-03-29	D35	Lulin	LUSS
(310200)	*	691	1996-03-19	691	Kitt Peak	Spacewatch
(310201)	*	691	2005-07-30	644	Palomar	NEAT
(310208)	*	F51	2004-10-15	G96	Mount Lemmon	Mount Lemmon Survey
(310211)	*	G96	2004-02-27	695	Kitt Peak	M. W. Buie
(310222)	*	691	2002-01-18	209	Cima Ekar	Asiago-DLR Asteroid Survey
(310226)	*	G96	2005-01-16	691	Kitt Peak	Spacewatch
(310238)	*	691	2000-11-21	704	Socorro	LINEAR
(310240)	*	F51	2002-04-11	644	Palomar	NEAT
(310241)	*	691	2005-09-03	644	Palomar	NEAT
(310251)	*	703	2002-08-20	644	Palomar	NEAT
(310252)	*	691	2005-03-08	691	Kitt Peak	Spacewatch
(310253)	*	691	1998-09-13	691	Kitt Peak	Spacewatch
(310257)	*	G96	2004-10-15	G96	Mount Lemmon	Mount Lemmon Survey
(310260)	*	461	2005-08-30	644	Palomar	NEAT
(310268)	*	691	2000-09-24	704	Socorro	LINEAR
(310274)	*	G96	2006-10-21	644	Palomar	NEAT
(310276)	*	G96	2002-02-07	644	Palomar	NEAT
(310287)	*	691	2007-10-24	G96	Mount Lemmon	Mount Lemmon Survey
(310305)	*	G96	1995-09-27	691	Kitt Peak	Spacewatch
(310309)	*	G96	2005-10-02	644	Palomar	NEAT
(310321)	*	F51	2005-02-09	G96	Mount Lemmon	Mount Lemmon Survey
(310330)	*	F51	2005-07-29	644	Palomar	NEAT
(310335)	*	704	2000-08-03	704	Socorro	LINEAR
(310339)	*	D29	2007-09-10	G96	Mount Lemmon	Mount Lemmon Survey
(310342)	*	G96	2005-09-30	568	Maunakea	A. Boattini
(310350)	*	F51	2006-11-16	G96	Mount Lemmon	Mount Lemmon Survey
(310357)	*	F51	2005-08-31	644	Palomar	NEAT
(310365)	*	703	2002-07-17	644	Palomar	NEAT
(310367)	*	G96	1995-10-25	691	Kitt Peak	Spacewatch
(310481)	*	704	2000-09-24	704	Socorro	LINEAR
(310652)	*	209	2002-02-04	209	Cima Ekar	Asiago-DLR Asteroid Survey
(310655)	*	644	2002-03-21	691	Kitt Peak	Spacewatch
(310748)	*	644	2006-06-19	G96	Mount Lemmon	Mount Lemmon Survey
(310749)	*	644	2005-03-10	G96	Mount Lemmon	Mount Lemmon Survey
(310983)	*	645	2003-07-22	644	Palomar	NEAT
(311419)	*	691	1994-10-28	691	Kitt Peak	Spacewatch
(311888)	*	691	2005-09-28	644	Palomar	NEAT
(312246)	*	691	2000-04-05	704	Socorro	LINEAR
(312419)	*	G96	2005-08-31	644	Palomar	NEAT

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(312575)	*	691	2005-08-31	644	Palomar	NEAT
(312639)	*	C51	2010-01-16	C51	WISE	WISE
(312673)	*	C51	2005-11-30	G96	Mount Lemmon	Mount Lemmon Survey
(312676)	*	C51	2007-01-19	568	Maunakea	P. A. Wiegert
(312689)	*	C51	2005-08-27	644	Palomar	NEAT
(312702)	*	C51	1997-08-30	910	Caussols	ODAS
(312703)	*	C51	2005-12-10	703	Catalina	CSS
(312719)	*	691	2005-08-27	644	Palomar	NEAT
(312726)	*	691	2003-01-24	809	La Silla	H. Scholl
(312728)	*	703	2001-02-17	704	Socorro	LINEAR
(312732)	*	691	1999-10-04	691	Kitt Peak	Spacewatch
(312733)	*	691	2005-09-22	644	Palomar	NEAT
(312753)	*	G96	2000-01-05	691	Kitt Peak	Spacewatch
(312768)	*	691	2004-08-09	704	Socorro	LINEAR
(312773)	*	691	2009-09-30	G96	Mount Lemmon	Mount Lemmon Survey
(312780)	*	G96	1999-09-05	703	Catalina	CSS
(312781)	*	H15	2001-03-02	699	Anderson Mesa	LONEOS
(312788)	*	691	1995-06-29	691	Kitt Peak	Spacewatch
(312794)	*	703	2003-07-23	644	Palomar	NEAT
(312795)	*	G96	2001-04-17	645	Apache Point	Sloan Digital Sky Survey
(312800)	*	703	2005-10-10	691	Kitt Peak	Spacewatch
(312821)	*	G96	1997-10-05	691	Kitt Peak	Spacewatch
(312828)	*	G96	2000-10-01	691	Kitt Peak	Spacewatch
(312829)	*	691	2005-07-04	644	Palomar	NEAT
(312855)	*	G96	2007-09-10	703	Catalina	CSS
(312883)	*	F51	2006-12-20	644	Palomar	NEAT
(312892)	*	G96	2000-11-27	704	Socorro	LINEAR
(312896)	*	703	1997-10-31	704	Socorro	LINEAR
(312900)	*	691	2007-09-10	291	Kitt Peak	Spacewatch
(312924)	*	D29	2005-10-02	E12	Siding Spring	Siding Spring Survey
(312931)	*	D29	2006-07-31	E12	Siding Spring	Siding Spring Survey
(312946)	*	691	1995-09-23	691	Kitt Peak	Spacewatch
(313249)	*	644	2001-10-21	704	Socorro	LINEAR
(313275)	*	644	2001-12-19	644	Palomar	NEAT
(313396)	*	644	2002-08-12	807	Cerro Tololo	M. W. Buie
(313414)	*	644	2002-08-29	291	Kitt Peak	Spacewatch
(313419)	*	644	2002-08-18	644	Palomar	NEAT
(313434)	*	644	2006-08-18	691	Kitt Peak	Spacewatch
(314250)	*	644	2005-08-30	691	Kitt Peak	Spacewatch
(314251)	*	644	2005-08-29	691	Kitt Peak	Spacewatch
(314326)	*	705	2005-10-27	703	Catalina	CSS
(314487)	*	691	2004-09-15	691	Kitt Peak	Spacewatch
(314927)	*	G96	2001-10-16	644	Palomar	NEAT
(315040)	*	A13	2007-02-09	A13	Marly	P. Kocher
(315162)	*	691	1999-11-12	691	Kitt Peak	Spacewatch
(315650)	*	G96	2005-07-30	644	Palomar	NEAT
(315930)	*	G96	2005-03-04	691	Kitt Peak	Spacewatch
(315993)	*	J75	2006-03-25	291	Kitt Peak	Spacewatch
(316128)	*	691	1999-12-16	691	Kitt Peak	Spacewatch
(316165)	*	G96	1999-12-12	691	Kitt Peak	Spacewatch
(316176)	*	C51	2004-07-15	807	Cerro Tololo	M. W. Buie
(316188)	*	G96	2006-06-18	644	Palomar	NEAT
(316226)	*	C51	2004-08-08	644	Palomar	NEAT
(316242)	*	C51	2005-12-04	703	Catalina	CSS
(316266)	*	C51	2004-09-10	704	Socorro	LINEAR

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(316273)	*	C51	2001-01-04	704	Socorro	LINEAR
(316278)	*	C51	2005-07-01	691	Kitt Peak	Spacewatch
(316296)	*	J75	2000-10-03	704	Socorro	LINEAR
(316300)	*	691	2006-09-26	691	Kitt Peak	Spacewatch
(316340)	*	691	2005-07-30	644	Palomar	NEAT
(316360)	*	G96	2000-09-28	704	Socorro	LINEAR
(316374)	*	691	2005-07-09	691	Kitt Peak	Spacewatch
(316399)	*	691	2000-01-30	691	Kitt Peak	Spacewatch
(316431)	*	704	2010-10-15	H36	Sandlot	G. Hug
(316437)	*	704	2004-09-10	704	Socorro	LINEAR
(316452)	*	703	2005-07-30	644	Palomar	NEAT
(316475)	*	G96	2004-09-17	704	Socorro	LINEAR
(316494)	*	703	2004-04-13	691	Kitt Peak	Spacewatch
(316499)	*	703	2004-09-23	691	Kitt Peak	Spacewatch
(316527)	*	703	2001-03-19	704	Socorro	LINEAR
(316540)	*	G96	1996-11-07	691	Kitt Peak	Spacewatch
(316553)	*	G96	2009-10-13	J75	La Sagra	OAM
(316579)	*	J75	2002-10-13	644	Palomar	NEAT
(316586)	*	691	2009-03-29	E12	Siding Spring	Siding Spring Survey
(316591)	*	F51	2000-09-24	704	Socorro	LINEAR
(316597)	*	691	1999-01-15	691	Kitt Peak	Spacewatch
(316602)	*	691	1995-10-28	691	Kitt Peak	Spacewatch
(316606)	*	G96	2009-03-27	G96	Mount Lemmon	Mount Lemmon Survey
(316608)	*	G96	2005-07-27	644	Palomar	NEAT
(316610)	*	704	2002-11-13	644	Palomar	NEAT
(316615)	*	F51	2002-10-08	644	Palomar	NEAT
(316951)	*	926	2001-02-21	691	Kitt Peak	Spacewatch
(316963)	*	608	2001-03-21	608	Haleakala	NEAT
(317235)	*	704	2002-02-10	691	Kitt Peak	Spacewatch
(317355)	*	644	2003-09-27	699	Anderson Mesa	LONEOS
(317360)	*	644	2002-07-03	644	Palomar	NEAT
(317387)	*	644	2003-10-02	691	Kitt Peak	Spacewatch
(317413)	*	644	2002-08-13	644	Palomar	NEAT
(317416)	*	644	1995-09-25	691	Kitt Peak	Spacewatch
(317438)	*	644	2002-08-18	644	Palomar	NEAT
(317453)	*	644	2003-12-01	691	Kitt Peak	Spacewatch
(317660)	*	699	2003-03-27	704	Socorro	LINEAR
(317768)	*	644	2003-09-21	691	Kitt Peak	Spacewatch
(318844)	*	691	2003-03-26	644	Palomar	NEAT
(318863)	*	691	2005-09-24	691	Kitt Peak	Spacewatch
(318896)	*	691	2005-10-01	G96	Mount Lemmon	Mount Lemmon Survey
(319009)	*	703	2005-10-23	703	Catalina	CSS
(319039)	*	G96	2005-11-02	G96	Mount Lemmon	Mount Lemmon Survey
(319312)	*	703	2002-02-04	608	Haleakala	NEAT
(319484)	*	644	2006-08-17	644	Palomar	NEAT
(319491)	*	E12	2006-08-16	E12	Siding Spring	Siding Spring Survey
(319703)	*	G96	2003-03-07	704	Socorro	LINEAR
(319861)	*	691	2006-11-16	691	Kitt Peak	Spacewatch
(319963)	*	G96	2005-08-27	644	Palomar	NEAT
(320019)	*	691	2005-10-01	G96	Mount Lemmon	Mount Lemmon Survey
(320347)	*	D29	2007-10-08	D29	XuYi	PMO NEO Survey Program
(320413)	*	704	2007-10-08	D29	XuYi	PMO NEO Survey Program
(320520)	*	691	2007-12-18	691	Kitt Peak	Spacewatch
(320594)	*	691	2006-10-11	644	Palomar	NEAT
(321272)	*	I08	2007-10-14	703	Catalina	CSS

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(321311)	*	611	2009-04-20	691	Kitt Peak	Spacewatch
(321505)	*	691	2009-07-29	691	Kitt Peak	Spacewatch
(321513)	*	691	2004-04-22	691	Kitt Peak	Spacewatch
(321527)	*	703	2004-12-13	703	Catalina	CSS
(321538)	*	J75	2003-08-04	691	Kitt Peak	Spacewatch
(321584)	*	A13	2009-10-24	703	Catalina	CSS
(321611)	*	703	2009-10-23	G96	Mount Lemmon	Mount Lemmon Survey
(321673)	*	F51	2010-02-16	G96	Mount Lemmon	Mount Lemmon Survey
(321684)	*	691	1995-07-24	691	Kitt Peak	Spacewatch
(321717)	*	691	2004-12-18	G96	Mount Lemmon	Mount Lemmon Survey
(321774)	*	C51	2005-08-27	699	Anderson Mesa	LONEOS
(321801)	*	C51	2008-02-13	703	Catalina	CSS
(321804)	*	C51	1999-11-06	703	Catalina	CSS
(321805)	*	C51	1999-11-09	704	Socorro	LINEAR
(321821)	*	372	2005-09-01	644	Palomar	NEAT
(321837)	*	691	2003-10-22	691	Kitt Peak	Spacewatch
(321867)	*	691	2003-07-08	691	Kitt Peak	Spacewatch
(321868)	*	691	2006-08-17	644	Palomar	NEAT
(321870)	*	G96	2005-07-31	644	Palomar	NEAT
(321873)	*	691	2006-08-13	644	Palomar	NEAT
(321881)	*	703	2005-08-06	644	Palomar	NEAT
(321882)	*	691	2003-08-23	644	Palomar	NEAT
(321884)	*	691	1995-10-28	691	Kitt Peak	Spacewatch
(321909)	*	703	2006-07-21	703	Catalina	CSS
(321925)	*	703	2006-08-13	644	Palomar	NEAT
(321934)	*	G96	1998-01-23	691	Kitt Peak	Spacewatch
(321940)	*	703	1993-10-20	809	La Silla	E. W. Elst
(321947)	*	703	2006-11-25	G96	Mount Lemmon	Mount Lemmon Survey
(321962)	*	703	2006-11-17	G96	Mount Lemmon	Mount Lemmon Survey
(321965)	*	G96	1995-09-27	691	Kitt Peak	Spacewatch
(321980)	*	G96	2005-07-30	644	Palomar	NEAT
(321992)	*	G96	2006-06-21	691	Kitt Peak	Spacewatch
(321996)	*	G96	2005-08-29	644	Palomar	NEAT
(322002)	*	G96	2006-01-18	644	Palomar	NEAT
(322005)	*	703	2004-10-07	704	Socorro	LINEAR
(322015)	*	703	1999-10-07	691	Kitt Peak	Spacewatch
(322026)	*	691	2005-10-01	703	Catalina	CSS
(322039)	*	J75	2001-12-11	704	Socorro	LINEAR
(322048)	*	691	2004-10-10	691	Kitt Peak	Spacewatch
(322050)	*	703	2001-08-17	644	Palomar	NEAT
(322065)	*	691	1995-10-22	691	Kitt Peak	Spacewatch
(322071)	*	704	2010-11-10	G96	Mount Lemmon	Mount Lemmon Survey
(322072)	*	703	2004-07-20	E12	Siding Spring	Siding Spring Survey
(322086)	*	G96	2006-12-21	G96	Mount Lemmon	Mount Lemmon Survey
(322099)	*	H15	2005-11-24	644	Palomar	NEAT
(322118)	*	691	2005-08-27	291	Kitt Peak	Spacewatch
(322137)	*	691	2000-01-15	691	Kitt Peak	Spacewatch
(322138)	*	G96	2003-03-27	691	Kitt Peak	Spacewatch
(322153)	*	691	1995-10-15	691	Kitt Peak	Spacewatch
(322163)	*	G96	2002-05-06	644	Palomar	NEAT
(322167)	*	703	2005-05-19	G96	Mount Lemmon	Mount Lemmon Survey
(322180)	*	G96	2004-07-12	428	Reedy Creek	J. Broughton
(322183)	*	703	2007-06-15	704	Socorro	LINEAR
(322186)	*	703	2001-08-23	699	Anderson Mesa	LONEOS
(322198)	*	G96	1999-10-04	691	Kitt Peak	Spacewatch

(322207)	*	G96	1999-11-17	691	Kitt Peak	Spacewatch
(322221)	*	G96	2000-01-13	691	Kitt Peak	Spacewatch
(322233)	*	G96	2004-12-13	291	Kitt Peak	Spacewatch
(322237)	*	G96	2000-04-05	704	Socorro	LINEAR
(322248)	*	F51	2003-09-19	691	Kitt Peak	Spacewatch
(322251)	*	F51	2003-08-22	599	Campo Imperatore	CINEOS
(322257)	*	G96	1993-04-20	691	Kitt Peak	Spacewatch
(322269)	*	G96	1993-08-13	691	Kitt Peak	Spacewatch
(322279)	*	G96	2005-01-16	568	Maunakea	C. Veillet
(322283)	*	G96	2001-09-12	691	Kitt Peak	Spacewatch
(322295)	*	G96	1995-11-14	691	Kitt Peak	Spacewatch
(322301)	*	G96	2000-02-27	691	Kitt Peak	Spacewatch
(322309)	*	691	2004-10-15	691	Kitt Peak	Spacewatch
(322349)	*	G96	2006-01-05	291	Kitt Peak	Spacewatch
(322354)	*	G96	2001-08-26	557	Ondřejov	P. Kušnirák, P. Pravec
(322355)	*	F51	2001-10-20	704	Socorro	LINEAR
(322367)	*	G96	2002-08-17	644	Palomar	NEAT
(322370)	*	G96	2004-03-17	691	Kitt Peak	Spacewatch
(322372)	*	G96	2007-09-03	703	Catalina	CSS
(322378)	*	H21	2006-03-05	G96	Mount Lemmon	Mount Lemmon Survey
(322379)	*	F51	2001-10-21	704	Socorro	LINEAR
(322387)	*	F51	2002-10-31	704	Socorro	LINEAR
(322412)	*	704	2003-07-08	691	Kitt Peak	Spacewatch
(322415)	*	691	2006-08-28	703	Catalina	CSS
(322417)	*	J75	1996-10-18	691	Kitt Peak	Spacewatch
(322418)	*	704	2002-10-08	699	Anderson Mesa	LONEOS
(322421)	*	691	2000-09-28	704	Socorro	LINEAR
(322456)	*	691	2000-10-01	704	Socorro	LINEAR
(322457)	*	691	2002-01-13	291	Kitt Peak	Spacewatch
(322459)	*	691	1995-10-28	691	Kitt Peak	Spacewatch
(322470)	*	691	2005-06-12	691	Kitt Peak	Spacewatch
(322480)	*	G96	2007-10-18	691	Kitt Peak	Spacewatch
(322526)	*	703	2002-09-11	644	Palomar	NEAT
(322530)	*	G96	1995-09-22	691	Kitt Peak	Spacewatch
(322539)	*	G96	2006-10-17	703	Catalina	CSS
(322556)	*	G96	2006-10-10	644	Palomar	NEAT
(322565)	*	691	2001-03-27	691	Kitt Peak	Spacewatch
(322569)	*	691	2007-09-14	568	Maunakea	P. A. Wiegert
(322575)	*	G96	2005-01-16	691	Kitt Peak	Spacewatch
(322576)	*	G96	2005-03-10	G96	Mount Lemmon	Mount Lemmon Survey
(322577)	*	G96	2006-01-31	G96	Mount Lemmon	Mount Lemmon Survey
(322600)	*	G96	1999-10-30	691	Kitt Peak	Spacewatch
(322987)	*	644	2006-09-28	703	Catalina	CSS
(322988)	*	644	2007-06-17	691	Kitt Peak	Spacewatch
(323183)	*	608	1993-04-20	691	Kitt Peak	Spacewatch
(323234)	*	608	2003-09-23	608	Haleakala	NEAT
(323610)	*	699	2004-10-18	704	Socorro	LINEAR
(323615)	*	644	2004-10-07	704	Socorro	LINEAR
(324195)	*	691	1995-10-25	691	Kitt Peak	Spacewatch
(324244)	*	G96	2005-10-07	568	Maunakea	A. Boattini
(324339)	*	644	2006-08-19	691	Kitt Peak	Spacewatch
(324412)	*	691	2005-03-08	G96	Mount Lemmon	Mount Lemmon Survey
(324606)	*	691	2005-08-30	691	Kitt Peak	Spacewatch
(324612)	*	691	2005-08-04	644	Palomar	NEAT
(324666)	*	691	2004-08-15	807	Cerro Tololo	M. W. Buie

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(324725)	*	G96	2007-03-12	G96	Mount Lemmon	Mount Lemmon Survey
(324928)	*	703	2000-08-01	807	Cerro Tololo	M. W. Buie
(324939)	*	704	2007-12-18	691	Kitt Peak	Spacewatch
(324944)	*	704	2009-04-21	G96	Mount Lemmon	Mount Lemmon Survey
(325017)	*	691	2005-07-30	644	Palomar	NEAT
(325024)	*	691	2008-02-02	691	Kitt Peak	Spacewatch
(325089)	*	691	2008-02-28	G96	Mount Lemmon	Mount Lemmon Survey
(325178)	*	G96	2006-11-22	703	Catalina	CSS
(325205)	*	704	2008-04-01	G96	Mount Lemmon	Mount Lemmon Survey
(325369)	*	114	2008-08-29	114	Zelenchukskaya Station	Zelenchukskaya Station
(325454)	*	J75	2009-08-18	691	Kitt Peak	Spacewatch
(325458)	*	621	2009-08-27	691	Kitt Peak	Spacewatch
(325753)	*	691	2004-10-07	704	Socorro	LINEAR
(325788)	*	C51	2006-09-26	691	Kitt Peak	Spacewatch
(325790)	*	C51	2001-07-10	644	Palomar	NEAT
(325806)	*	691	2003-11-20	695	Kitt Peak	M. W. Buie
(325827)	*	G96	2003-02-06	291	Kitt Peak	Spacewatch
(325837)	*	J75	2003-09-21	691	Kitt Peak	Spacewatch
(325843)	*	691	2005-02-02	691	Kitt Peak	Spacewatch
(325860)	*	691	1995-10-22	691	Kitt Peak	Spacewatch
(325877)	*	J04	2010-09-18	G96	Mount Lemmon	Mount Lemmon Survey
(325897)	*	691	2001-01-18	608	Haleakala	NEAT
(325901)	*	691	2001-12-18	704	Socorro	LINEAR
(325946)	*	703	2006-08-20	644	Palomar	NEAT
(325950)	*	G96	2006-08-23	644	Palomar	NEAT
(325961)	*	G96	2001-10-20	704	Socorro	LINEAR
(325973)	*	G96	2005-08-29	644	Palomar	NEAT
(325977)	*	691	2001-08-28	691	Kitt Peak	Spacewatch
(326043)	*	703	2006-12-20	644	Palomar	NEAT
(326048)	*	G96	2005-11-06	691	Kitt Peak	Spacewatch
(326053)	*	G96	1995-10-27	691	Kitt Peak	Spacewatch
(326087)	*	G96	2005-12-03	568	Maunakea	A. Boattini
(326093)	*	G96	2007-02-10	G96	Mount Lemmon	Mount Lemmon Survey
(326101)	*	G96	2003-10-16	644	Palomar	NEAT
(326109)	*	G96	2006-02-27	701	Junk Bond	D. Healy
(326121)	*	G96	2000-09-24	704	Socorro	LINEAR
(326126)	*	G96	2007-02-27	691	Kitt Peak	Spacewatch
(326135)	*	F51	2007-09-12	691	Kitt Peak	Spacewatch
(326142)	*	F51	2004-10-20	703	Catalina	CSS
(326165)	*	F51	2003-07-08	644	Palomar	NEAT
(326171)	*	691	2004-09-15	691	Kitt Peak	Spacewatch
(326204)	*	G96	2005-02-09	699	Anderson Mesa	LONEOS
(326205)	*	691	2007-12-04	G96	Mount Lemmon	Mount Lemmon Survey
(326212)	*	F51	2000-02-02	691	Kitt Peak	Spacewatch
(326243)	*	691	1996-12-03	691	Kitt Peak	Spacewatch
(326247)	*	691	2003-09-21	691	Kitt Peak	Spacewatch
(326258)	*	J43	2006-01-26	703	Catalina	CSS
(326516)	*	704	2002-06-16	644	Palomar	NEAT
(326563)	*	644	2002-08-06	644	Palomar	NEAT
(326566)	*	644	2002-08-06	644	Palomar	NEAT
(326585)	*	644	2002-08-18	644	Palomar	NEAT
(326593)	*	644	2002-08-17	644	Palomar	NEAT
(326806)	*	691	2005-03-04	691	Kitt Peak	Spacewatch
(327237)	*	705	2005-09-15	705	Apache Point	SDSS Collaboration
(327579)	*	691	2006-02-25	G96	Mount Lemmon	Mount Lemmon Survey

(328119)	*	691	2007-12-30	691	Kitt Peak	Spacewatch
(328154)	*	G96	2008-02-06	703	Catalina	CSS
(328261)	*	691	2008-03-28	G96	Mount Lemmon	Mount Lemmon Survey
(328357)	*	J75	2005-12-02	G96	Mount Lemmon	Mount Lemmon Survey
(328666)	*	691	2007-03-11	691	Kitt Peak	Spacewatch
(328675)	*	G96	2007-02-06	G96	Mount Lemmon	Mount Lemmon Survey
(328724)	*	703	2006-02-02	G96	Mount Lemmon	Mount Lemmon Survey
(328729)	*	G96	2006-04-02	691	Kitt Peak	Spacewatch
(328732)	*	J75	2003-03-27	691	Kitt Peak	Spacewatch
(328829)	*	G96	2004-10-07	291	Kitt Peak	Spacewatch
(328886)	*	C51	2010-07-20	C51	WISE	WISE
(328899)	*	703	2002-10-05	644	Palomar	NEAT
(328907)	*	J75	2006-10-03	G96	Mount Lemmon	Mount Lemmon Survey
(328925)	*	703	2000-09-24	699	Anderson Mesa	LONEOS
(328939)	*	H15	2010-11-05	H15	Mayhill-ISON	L. Elenin
(328966)	*	691	1997-02-03	691	Kitt Peak	Spacewatch
(328969)	*	G96	2004-12-19	G96	Mount Lemmon	Mount Lemmon Survey
(329003)	*	703	2000-11-27	704	Socorro	LINEAR
(329008)	*	291	2004-06-23	568	Maunakea	J. Bedient
(329012)	*	G96	2002-05-07	291	Kitt Peak	Spacewatch
(329016)	*	G96	2005-10-24	568	Maunakea	A. Boattini
(329025)	*	G96	2001-02-21	691	Kitt Peak	Spacewatch
(329052)	*	G96	2004-12-19	G96	Mount Lemmon	Mount Lemmon Survey
(329053)	*	G96	2003-03-11	291	Kitt Peak	Spacewatch
(329061)	*	G96	2004-11-04	691	Kitt Peak	Spacewatch
(329064)	*	G96	2005-11-03	703	Catalina	CSS
(329086)	*	G96	2005-10-24	568	Maunakea	A. Boattini
(329107)	*	300	2000-03-03	704	Socorro	LINEAR
(329108)	*	G96	2008-07-30	703	Catalina	CSS
(329109)	*	G96	2006-01-26	G96	Mount Lemmon	Mount Lemmon Survey
(329133)	*	F51	2003-10-22	645	Apache Point	Sloan Digital Sky Survey
(329134)	*	F51	2003-10-21	691	Kitt Peak	Spacewatch
(329139)	*	G96	2002-08-28	644	Palomar	NEAT
(329176)	*	691	2001-06-23	644	Palomar	NEAT
(329215)	*	F51	2005-03-08	G96	Mount Lemmon	Mount Lemmon Survey
(329222)	*	703	2001-03-26	704	Socorro	LINEAR
(329225)	*	G96	2003-10-23	691	Kitt Peak	Spacewatch
(329336)	*	695	2001-03-30	691	Kitt Peak	Spacewatch
(329371)	*	644	2001-09-18	645	Apache Point	Sloan Digital Sky Survey
(329424)	*	644	2002-08-05	644	Palomar	NEAT
(329433)	*	644	2000-01-30	691	Kitt Peak	Spacewatch
(329456)	*	644	2002-07-14	644	Palomar	NEAT
(329475)	*	644	2002-07-30	608	Haleakala	NEAT
(329517)	*	644	2002-08-15	644	Palomar	NEAT
(329521)	*	644	2002-09-26	644	Palomar	NEAT
(329639)	*	699	2003-09-22	691	Kitt Peak	Spacewatch
(329641)	*	699	2003-08-25	807	Cerro Tololo	M. W. Buie
(329711)	*	645	2003-09-28	645	Apache Point	Sloan Digital Sky Survey
(329990)	*	705	2007-01-28	G96	Mount Lemmon	Mount Lemmon Survey

New Names of Minor Planets

The following new names of minor planets have been approved by the WGSBN. Discovery details, for information only, are given in the following order: date of discovery; discoverer(s) name(s); discovery site; discovery site observatory code. The discoverer(s) name(s) is/are followed by an asterisk if this is a change from what was published when the object was numbered.

(20061) Bilitza = 1993 QS₁

Discovery: 1993-08-16 / E. W. Elst / Caussols / 010

Dieter Bilitza (b. 1950) is a German-born American physicist and a principal author of the International Reference Ionosphere (IRI), a widely-used standard for Earth's ionospheric plasma. He has organized annual IRI meetings, bringing together ground and space-based communities. Dieter is the recipient of the 2024 COSPAR International Cooperation Medal.

(20062) Matthewgriffin = 1993 QB₃

Discovery: 1993-08-20 / E. F. Helin / Palomar / 675

Matthew Griffin (b. 1954) is an Irish astrophysicist specializing in space-based infrared astronomy. He participated in the ESA Infrared Space Observatory and the Herschel and Planck space observatories, and is a Co-PI of ESA's Atmospheric Remote-sensing Infrared Exoplanet Large Survey. Matthew is a recipient of the 2024 COSPAR William Nordberg Medal.

(20063) Kanakoseki = 1993 RC₄

Discovery: 1993-09-15 / E. W. Elst / La Silla / 809

Kanako Seki (b. 1973) is a Japanese astrophysicist who specializes in planetary magnetospheres. She discovered that the loss of oxygen from Earth's atmosphere was about one-tenth the rate previously thought. She is a Science Team member for the ESA/JAXA Bepi-Columbo mission. Kanako is a recipient of the 2024 COSPAR William Nordberg Medal.

(20064) Prahladagrawal = 1993 RV₄

Discovery: 1993-09-15 / E. W. Elst / La Silla / 809

Prahlad Agrawal (b. 1941) is an Indian high-energy astrophysicist. He proposed and designed AstroSat, India's multi-wavelength astronomy observatory, with the unique capability to observe simultaneously from the UV to the low-energy γ -ray domains. Prahlad is the recipient of the 2024 COSPAR Massey Award.

(20065) Kminek = 1993 RK₅

Discovery: 1993-09-15 / E. W. Elst / La Silla / 809

Gerhard Kminek (b. 1968) is an Austrian astronomer who has served in a leadership position of the COSPAR Panel on Planetary Protection for 15 years. He is currently Chair of the COSPAR Scientific Sub-Commission B4 on Terrestrial Planets. Gerhard is the recipient of the 2024 COSPAR Distinguished Service Medal.

(86195) Cireglio = 1999 ST₉

Discovery: 1999-09-30 / L. Tesi, G. Forti / San Marcello / 104

Cireglio is a small village where the P. Petrocchi Primary School is located. The school was the winner of the 2020 ESA Kids Space Gallery Competition, in the asteroid category.

(127415) Annacalderara = 2002 NG₆

*Discovery: 2002-07-11 / F. Bernardi, M. Tombelli * / Campo Imperatore / 599*

Anna Calderara (b. 1958) is an Italian doctor from San Giovanni in Persiceto (Bologna). She participated in the activities of the Persicetan Amateur Astronomers Group which led to the creation of the Astronomical Observatory and then the Planetarium and Museum.

(181392) Katonajózsef = 2006 SY₇₇

Discovery: 2006-09-23 / K. Sárneczky, Z. Kuli / Piszkestető / 461

József Katona (1791–1830) was a Hungarian playwright and poet, lawyer, and the author of the Hungarian historical tragedy *Bánk bán*. He wrote several plays, and also translated and adapted German melodramatic works for the Hungarian stage.

(216808) Tolmárgyula = 2006 TG₁₁

Discovery: 2006-10-14 / K. Sárneczky, Z. Kuli / Piszkestető / 461

Gyula Tolmár (1909–1987) was a Hungarian astronomer and university lecturer. From 1934 he worked at the Konkoly Observatory, where he was involved in the photography of minor planets and later in the photographic observation of variable stars. He also wrote popular science articles.

(576793) Károlyiámy = 2012 UN₁₈₅

*Discovery: 2012-10-20 / K. Sárneczky, A. Király * / Piszkestető / 461*

Amy Károlyi (1909–2003) was a Hungarian poet and literary translator. Her early volumes were fairy tales and picture books in verse, and she also enjoyed writing children's books in later years. She translated selected writings by Emily Dickinson into Hungarian, and later published essays and memoirs.

(578168) Miaochangwen = 2013 XS₄

Discovery: 2013-12-01 / PMO NEO Survey Program / XuYi / D29

Miao Changwen (b. 1957) is an expert in the field of building materials and an academician of the Chinese Academy of Engineering. His contributions to the theoretical and practical applications of civil engineering materials have been pivotal to the success of major infrastructural projects, including the Three Gorges Project.

(596543) Ubu = 2005 WK₅₀

Discovery: 2005-11-06 / J.-C. Merlin / Nogales / 926

Ubu is a character created by the French writer Alfred Jarry. He appeared for the first time in the play *Ubu roi* in 1896. The character of Ubu has become proverbial, a symbol of the delirium of power and the absurdity of political hierarchies. The derived adjective ubuesque is applied to absurd, grotesque and caricatured behaviors.

(622006) Vákárlajos = 2011 VB₃

*Discovery: 2011-10-18 / K. Sárneczky, A. Szing * / Piskésetető / 461*

Lajos Vákár (1910–1993) was a Hungarian-Romanian ice hockey player and coach. He was a founding member of HSC Csíkszereda in 1929 and spent almost his entire career with the club until his retirement in 1954. He played for the Romanian national team and participated at three World Championships. After retiring from playing he worked as a coach and advisor.

(638624) Xueqikun = 2016 CY₆₆

Discovery: 2007-09-11 / PMO NEO Survey Program / XuYi / D29

Xue Qikun (b. 1962), an academician of Chinese Academy of Sciences, was the first to experimentally discover the Quantum Anomalous Hall Effect, a new quantum effect that can be used for developing low-energy-consumption electronic devices.

Recent Comet Namings & Numberings

Recently-assigned comet names and numbering of periodic comets are listed below. The recently-assigned names list indicates, using an asterisk, any comet whose discovery is eligible for the Edgar Wilson Award, as well as the reference where the name first appears (this may not be the circular announcing the discovery, or the first appearance of a name if the name was modified subsequently). If a date appears as the reference, it refers to the date that a News note of a name change appeared on the WGSBN website. If a name contains accented characters, the approved ASCII-only version of the name is included between [...]: note that any print, PDF or web usage must use the proper accented form. Newly-numbered objects that are being accorded dual status are flagged as such.

Recent Namings (in reverse chronological order)

P/2024 N2 = P/2010 T8 = P/2017 R2 (PANSTARRS)	<i>MPEC 2024-N123</i>
C/2024 N1 (PANSTARRS)	<i>MPEC 2024-N107</i>
P/2024 L4 (Rankin)	<i>MPEC 2024-N106</i>
C/2024 L3 (PANSTARRS)	<i>MPEC 2024-N105</i>
C/2024 L2 (PANSTARRS)	<i>MPEC 2024-M24</i>
P/2024 K1 (PANSTARRS)	<i>MPEC 2024-L114</i>
C/2024 L1 (PANSTARRS)	<i>MPEC 2024-L59</i>
P/2024 FG ₉ (Nanshan-Hahn)	* <i>MPEC 2024-L4</i>
C/2024 J4 (Lemmon)	<i>MPEC 2024-K128</i>
C/2024 J3 (ATLAS)	<i>MPEC 2024-K118</i>
C/2024 G7 (ATLAS)	<i>MPEC 2024-K41</i>
C/2024 J2 (Wierzchoś)	<i>MPEC 2024-K31</i>
C/2024 G6 (ATLAS)	<i>MPEC 2024-J134</i>
P/2024 J1 (PANSTARRS)	<i>MPEC 2024-J133</i>
C/2024 G5 (Leonard)	<i>MPEC 2024-J126</i>
C/2024 G4 (PANSTARRS)	<i>MPEC 2024-J123</i>
485P/2022 U6 = P/2006 AH ₂ (Sheppard-Tholen)	<i>MPEC 2024-H65</i>
C/2024 G3 (ATLAS)	<i>MPEC 2024-H22</i>
C/2024 G2 (ATLAS)	<i>MPEC 2024-H20</i>
C/2024 G1 (Wierzchoś)	<i>MPEC 2024-H10</i>
C/2024 F2 (PANSTARRS)	<i>MPEC 2024-G103</i>
P/2024 F1 (PANSTARRS)	<i>MPEC 2024-G102</i>
C/2024 E2 (Bok)	<i>MPEC 2024-F91</i>
C/2024 E1 (Wierzchoś)	<i>MPEC 2024-E102</i>
C/2021 X2 (Bok)	<i>MPEC 2024-E8</i>
C/2019 O2 (PANSTARRS)	<i>MPEC 2024-E7</i>
C/2019 G2 (PANSTARRS)	<i>MPEC 2024-G1</i>

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484P/2005 XR ₁₃₂ (Spacewatch)	<i>MPEC 2024-D135</i>
482P/2014 VF ₄₀ (PANSTARRS)	<i>MPEC 2024-D133</i>
C/2023 X7 (PANSTARRS)	<i>MPEC 2024-D102</i>
C/2024 C4 (ATLAS)	<i>MPEC 2024-D98</i>
C/2024 C3 (PANSTARRS)	<i>MPEC 2024-D97</i>
C/2024 A2 (ATLAS)	<i>MPEC 2024-C180</i>
C/2024 C2 (PANSTARRS)	<i>MPEC 2024-C178</i>
C/2024 C1 (PANSTARRS)	<i>MPEC 2024-C177</i>
C/2024 B2 (Lemmon)	<i>MPEC 2024-C87</i>
C/2024 B1 (Lemmon)	<i>MPEC 2024-C86</i>
478P/2023 Y3 = P/2017 BQ ₁₀₀ (ATLAS)	<i>MPEC 2024-B139</i>
C/2024 A1 (ATLAS)	<i>MPEC 2024-B78</i>
474P/2023 S4 = P/2017 O4 (Hogan)	<i>MPEC 2024-B74</i>
P/2023 Y2 (Gibbs)	<i>MPEC 2024-A148</i>
P/2023 Y1 (Gibbs)	<i>MPEC 2023-Y60</i>
C/2023 X4 (Hogan)	<i>MPEC 2023-X272</i>
P/2023 X3 (PANSTARRS)	<i>MPEC 2023-X269</i>
C/2023 X2 (Lemmon)	<i>MPEC 2023-X226</i>
C/2023 X1 (Leonard)	<i>MPEC 2023-X222</i>
C/2023 RN3 (ATLAS)	<i>MPEC 2023-X85</i>
P/2023 V6 (PANSTARRS)	<i>MPEC 2023-V262</i>
C/2023 V5 (Leonard)	<i>MPEC 2023-V193</i>

Recent Numberings

485P/2022 U6 = P/2006 AH ₂ (Sheppard-Tholen)	<i>MPC 172941</i>
484P/2005 XR ₁₃₂ (Spacewatch)	<i>MPC 172941</i>
483P/2016 J1 = P/2010 M9 = P/2020 Y6 = P/2021 K5 (PANSTARRS)	<i>MPC 171409</i>
482P/2014 VF ₄₀ (PANSTARRS)	<i>MPC 171409</i>
481P/2012 WA ₃₄ = P/2024 C5 (Lemmon-PANSTARRS)	<i>MPC 171409</i>
480P/2014 A3 = P/2023 X6 (PANSTARRS)	<i>MPC 169139</i>
479P/2011 NO ₁ = P/2023 WM ₂₆ (Elenin)	<i>MPC 169139</i>
478P/2023 Y3 = P/2017 BQ ₁₀₀ (ATLAS)	<i>MPC 169139</i>
477P/2018 P3 = P/2023 V8 (PANSTARRS)	<i>MPC 169139</i>
476P/2015 HG ₁₆ = P/2023 W2 (PANSTARRS)	<i>MPC 169139</i>
475P/2004 DO ₂₉ = P/2023 V7 (Spacewatch-LINEAR)	<i>MPC 169139</i>
474P/2023 S4 = P/2017 O4 (Hogan)	<i>MPC 169139</i>
473P/2001 Q6 = P/2023 W1 (NEAT)	<i>MPC 169139</i>
472P/2002 T6 = P/2023 RL ₇₅ (NEAT-LINEAR)	<i>MPC 167069</i>
471P/2023 KF ₃ = P/2010 YK ₃	<i>MPC 164694</i>
470P/2014 W1 = P/2023 O2 (PANSTARRS)	<i>MPC 164694</i>
469P/2015 XG ₄₂₂ (PANSTARRS)	<i>MPC 164694</i>
468P/2004 V3 = P/2023 O1 (Siding Spring)	<i>MPC 164694</i>
467P/2010 TO ₂₀ = P/2023 H6 (LINEAR-Grauer)	<i>MPC 164694</i>

Standard Acronyms & Abbreviations

The standard acronyms that may be used in citations without needing to be expanded are listed at:

<https://www.wgsbn-iau.org/documentation/AcronymsAndAbbreviations.html>.

Statistics & Links

There are currently 24836 named minor planets.

Discoverers of minor planets may submit name proposals via the WGSBN voting website at:

<https://www.wgsbn-iau.org/cgi-bin/submission.py>

Registration is required to access this site. Requests for access should be made to contact@wgsbn-iau.org.

The form for IAU members to express interest in being a Rotating Member of the WGSBN in future years is available at:

https://www.wgsbn-iau.org/rotating_members.html

Archival copies of the *Bulletin*, as well as machine-readable datafiles of new names, citations and corrigenda from each issue, are available on the WGSBN website:

<https://www.wgsbn-iau.org/>

The *Bulletin* is also available from the Publications section of the IAU website:

<https://www.iau.org/publications/iau/wgsbn-bulletins/>

The email address for the WGSBN is contact@wgsbn-iau.org

WGSBN Members

There are 15 members of the WGSBN, 11 of whom are voting members. The other four members, who are *ex-officio*, are the President and General Secretary of the IAU, and representatives for the IAU WG Planetary System Nomenclature and the IAU Minor Planet Center.

The current members of the WGSBN are listed below:

- Jana Tichá, Chair
- Keith Noll, Vice-Chair
- Gareth Williams, Secretary
- Yuliya Chernetenko
- Julio Fernández
- Daniel Green
- Pam Kilmartin
- Syuichi Nakano
- Ryan S. Park. (Rotating Member)
- Driss Takir (Rotating Member)
- Jin Zhu
- Debra M. Elmegreen, *ex-officio* (IAU President)
- Piero Benvenuti, *ex-officio* (interim IAU General Secretary)
- Rita Schulz, *ex-officio* (WGPSN)
- Peter Vereš, *ex-officio* (MPC)

The WGSBN is a functional Working Group of the IAU, under the Executive Committee.

